

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086854.D
 Acq On : 03 Jun 2025 19:48
 Operator : JC\MD
 Sample : PB168225ZHE#15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225ZHE#15

Quant Time: Jun 04 02:05:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

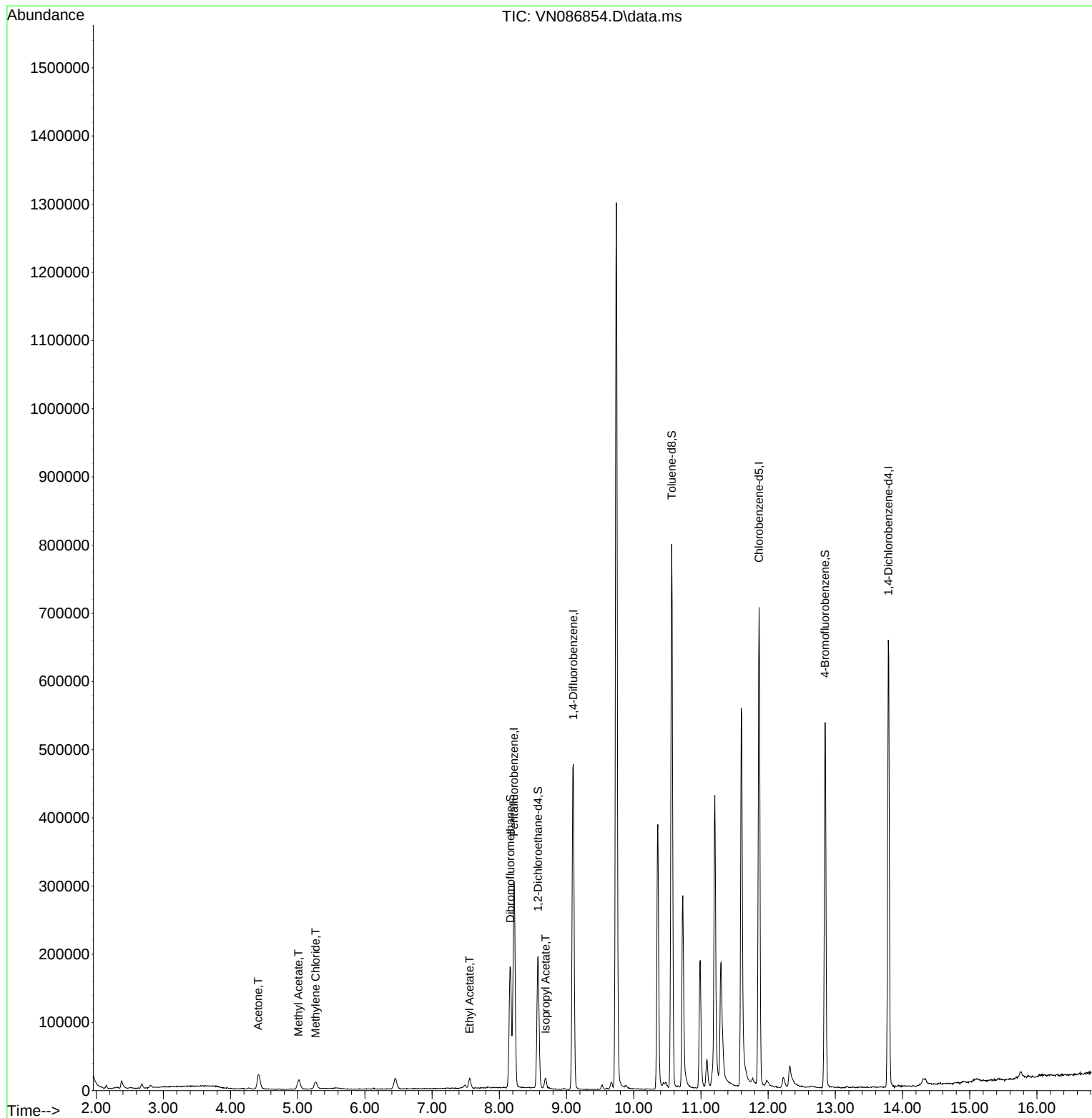
Internal Standards						
1) Pentafluorobenzene	8.218	168	229498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	447218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	422170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	190775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159835	50.401	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.800%		
35) Dibromofluoromethane	8.165	113	138149	51.870	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.740%		
50) Toluene-d8	10.565	98	568447	51.503	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.000%		
62) 4-Bromofluorobenzene	12.847	95	210740	54.075	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 108.160%		
Target Compounds						
					Qvalue	
16) Acetone	4.412	43	44018	37.107	ug/l	94
18) Methyl Acetate	5.012	43	29988	9.032	ug/l	95
20) Methylene Chloride	5.265	84	8594	2.745	ug/l	96
37) Ethyl Acetate	7.559	43	21412	5.396	ug/l	97
43) Isopropyl Acetate	8.688	43	17043	2.142	ug/l	95

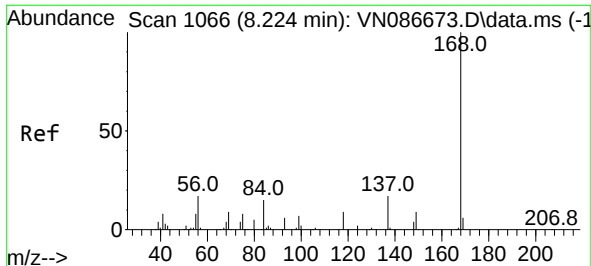
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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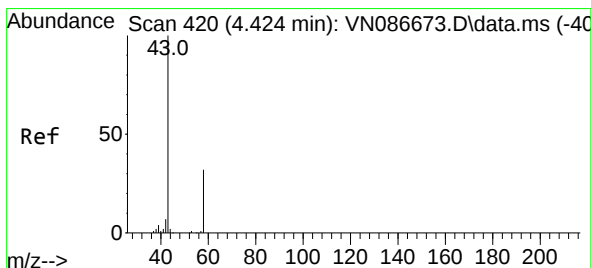
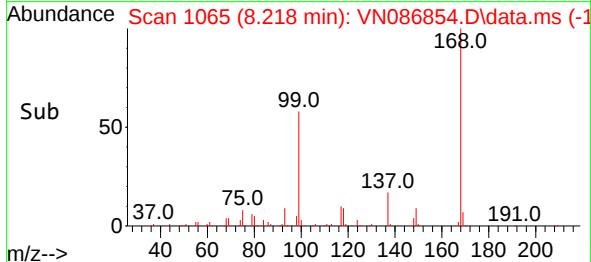
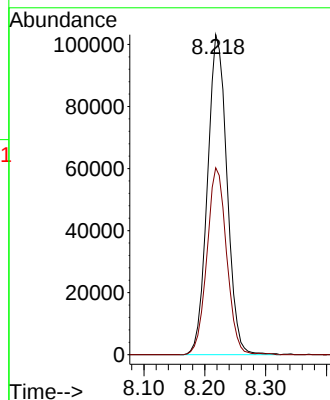
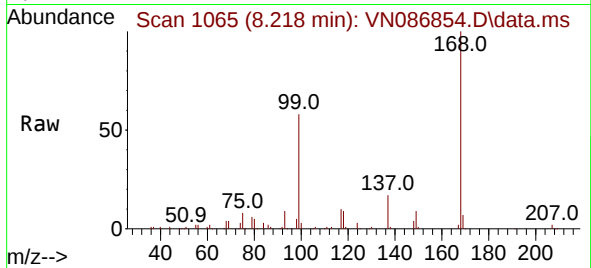




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086854.D
Acq: 03 Jun 2025 19:48

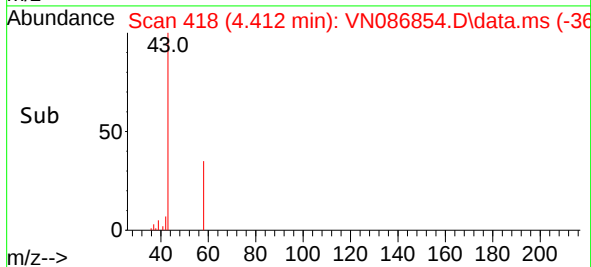
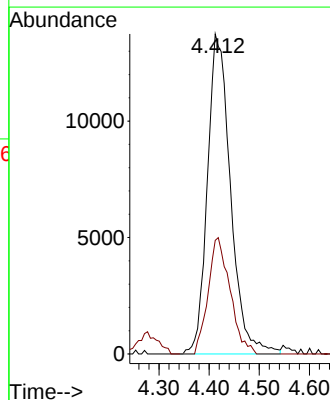
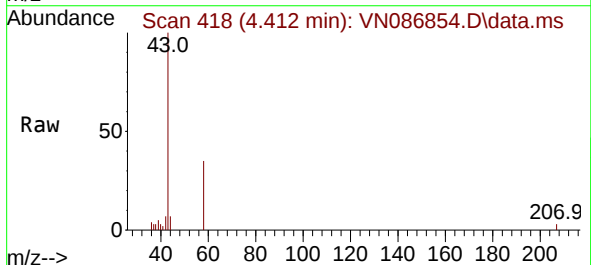
Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#15

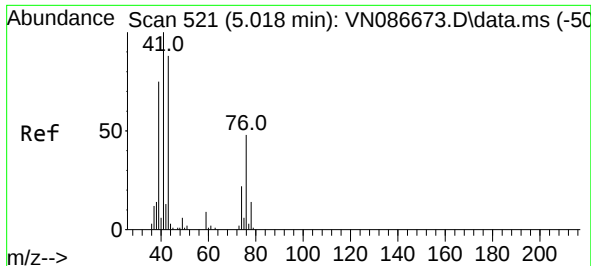
Tgt Ion:168 Resp: 229498
Ion Ratio Lower Upper
168 100
99 58.4 47.0 70.4



#16
Acetone
Concen: 37.107 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.012 min
Lab File: VN086854.D
Acq: 03 Jun 2025 19:48

Tgt Ion: 43 Resp: 44018
Ion Ratio Lower Upper
43 100
58 35.5 25.8 38.6

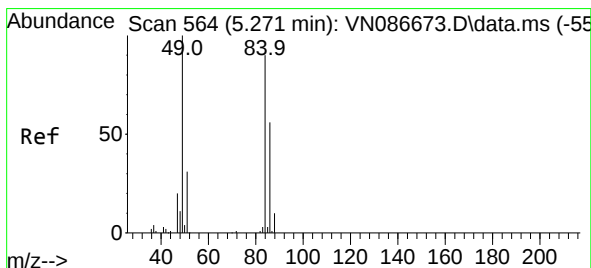
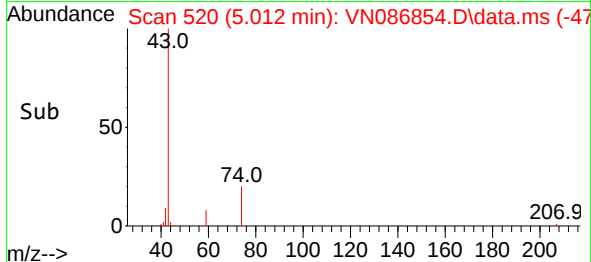
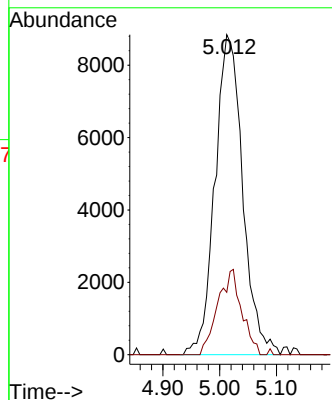
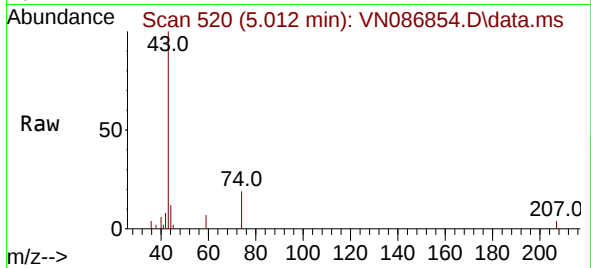




#18
Methyl Acetate
Concen: 9.032 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN086854.D
Acq: 03 Jun 2025 19:48

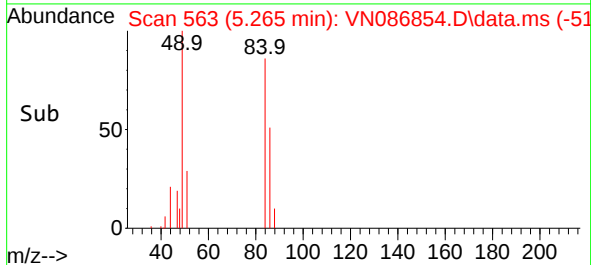
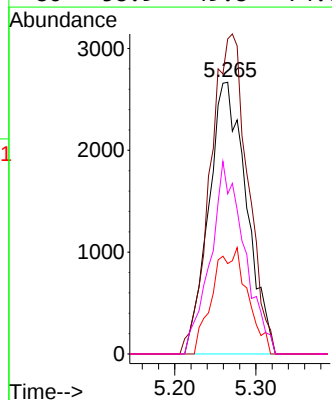
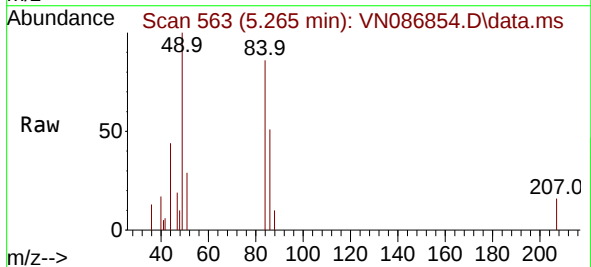
Instrument :
MSVOA_N
ClientSampleId :
PB168225ZHE#15

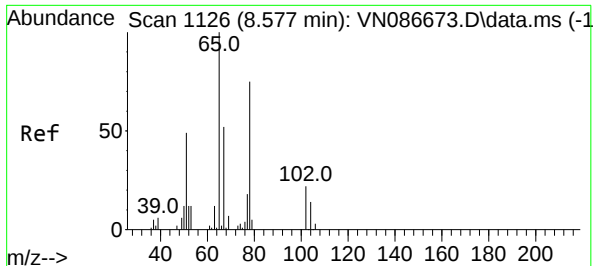
Tgt Ion: 43 Resp: 29988
Ion Ratio Lower Upper
43 100
74 22.9 20.5 30.7



#20
Methylene Chloride
Concen: 2.745 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN086854.D
Acq: 03 Jun 2025 19:48

Tgt Ion: 84 Resp: 8594
Ion Ratio Lower Upper
84 100
49 115.9 88.8 133.2
51 33.3 27.8 41.6
86 58.9 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 50.401 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086854.D

Acq: 03 Jun 2025 19:48

Instrument :

MSVOA_N

ClientSampleId :

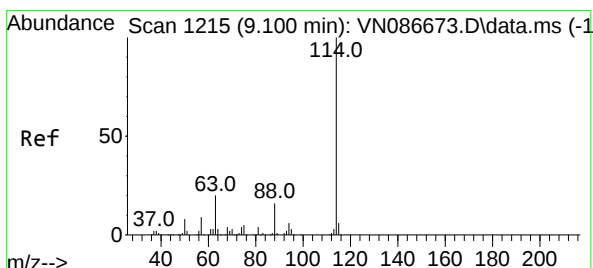
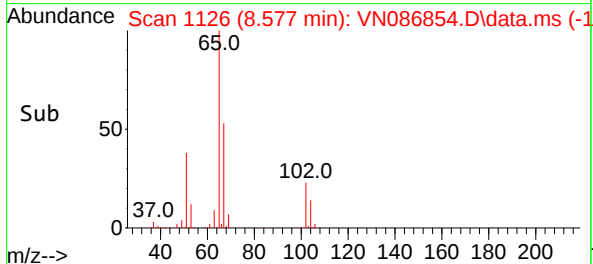
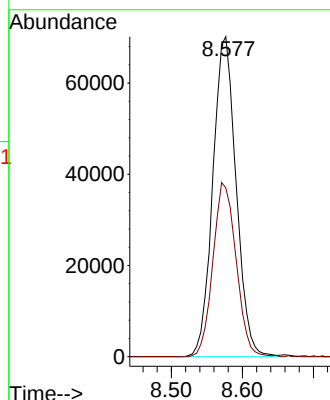
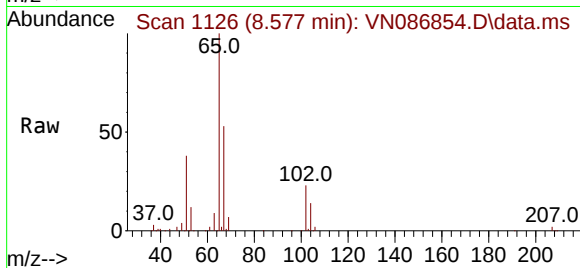
PB168225ZHE#15

Tgt Ion: 65 Resp: 159835

Ion Ratio Lower Upper

65 100

67 54.1 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086854.D

Acq: 03 Jun 2025 19:48

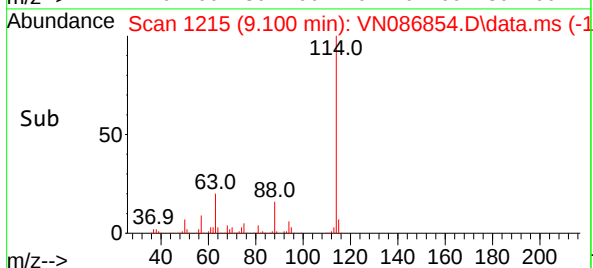
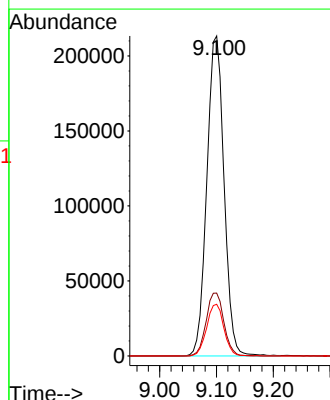
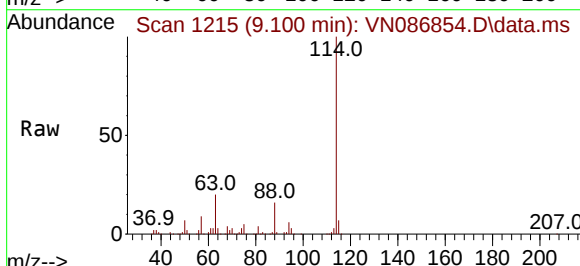
Tgt Ion: 114 Resp: 447218

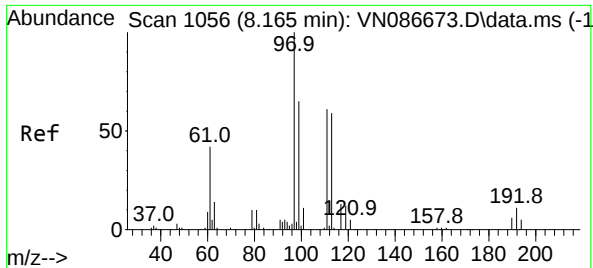
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 16.2 0.0 31.2

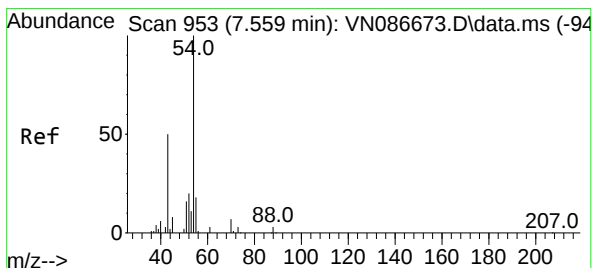
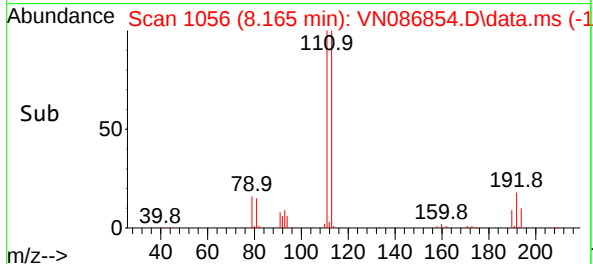
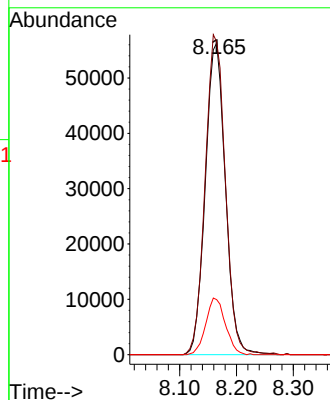
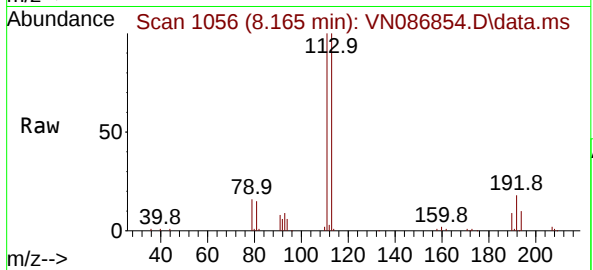




#35
Dibromofluoromethane
Concen: 51.870 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086854.D
Acq: 03 Jun 2025 19:48

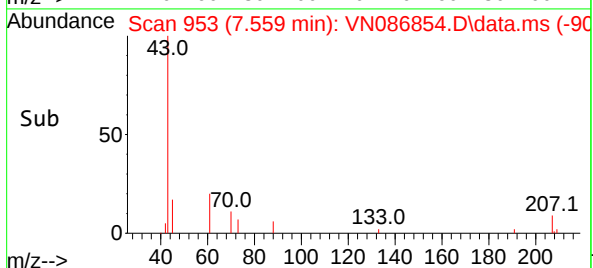
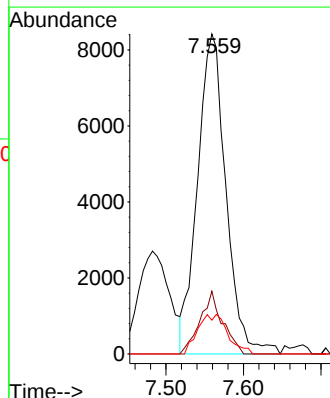
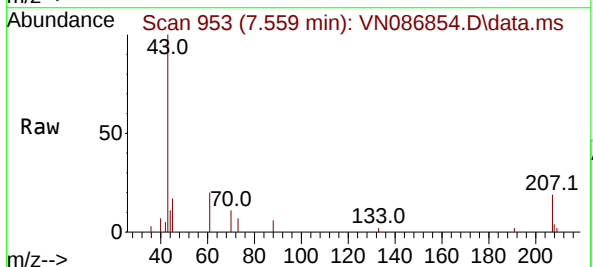
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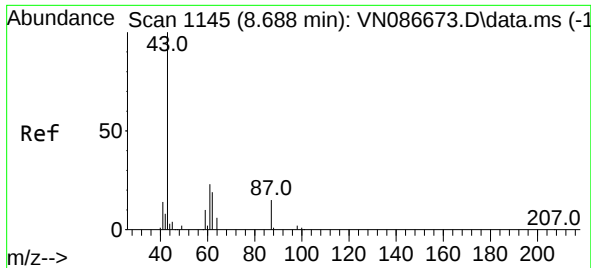
Tgt Ion:113 Resp: 138149
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 17.7 13.8 20.8



#37
Ethyl Acetate
Concen: 5.396 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN086854.D
Acq: 03 Jun 2025 19:48

Tgt Ion: 43 Resp: 21412
Ion Ratio Lower Upper
43 100
61 15.6 11.6 17.4
70 13.1 9.4 14.0

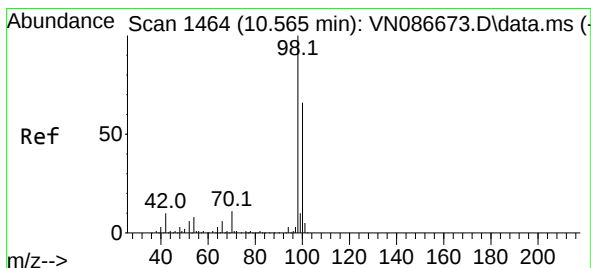
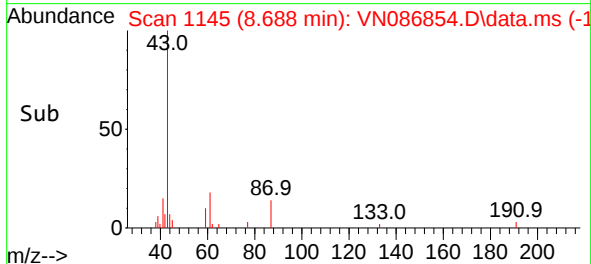
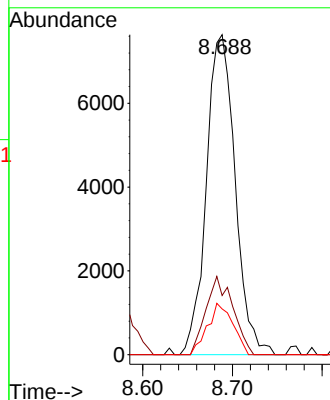
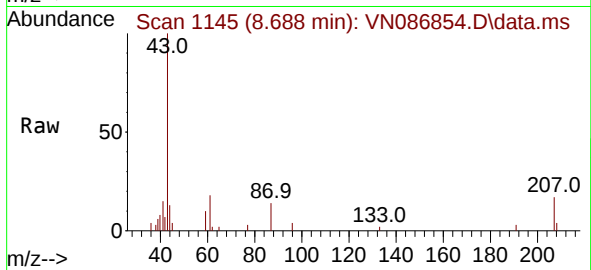




#43
Isopropyl Acetate
Concen: 2.142 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN086854.D
Acq: 03 Jun 2025 19:48

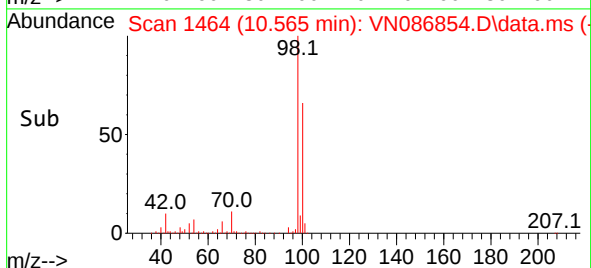
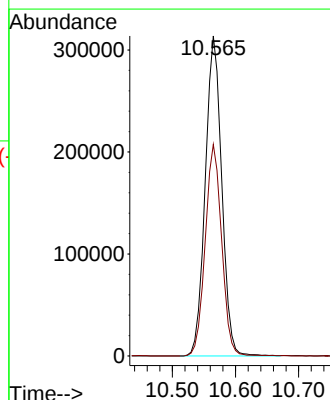
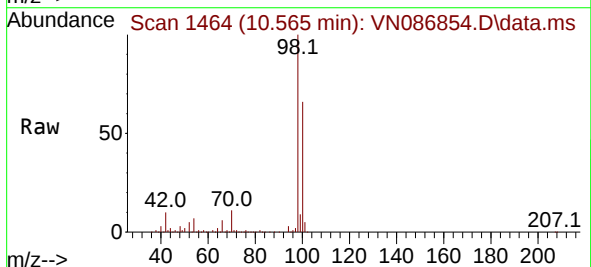
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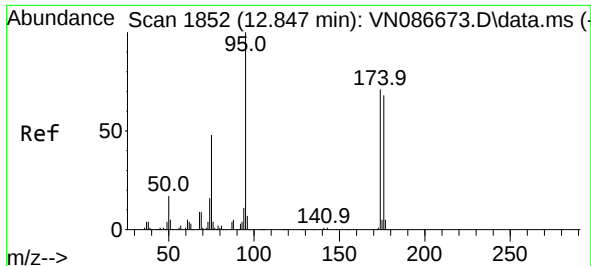
Tgt Ion:	43	Resp:	17043
Ion	Ratio	Lower	Upper
43	100		
61	22.9	21.4	32.2
87	14.1	11.1	16.7



#50
Toluene-d8
Concen: 51.503 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086854.D
Acq: 03 Jun 2025 19:48

Tgt Ion:	98	Resp:	568447
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3

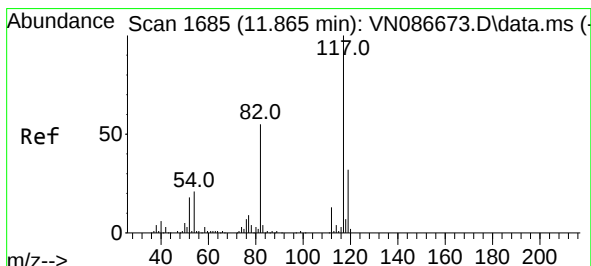
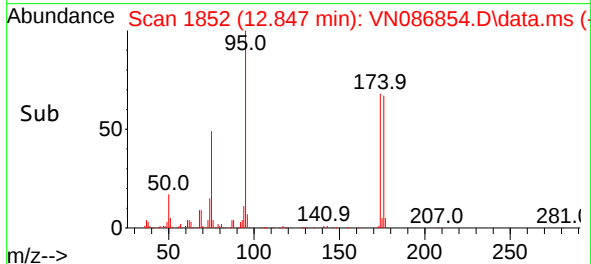
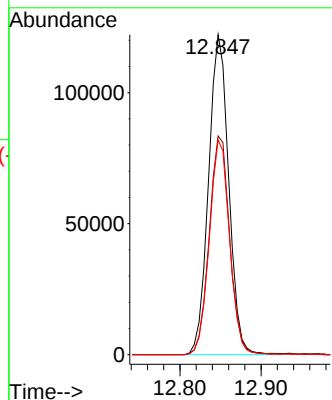
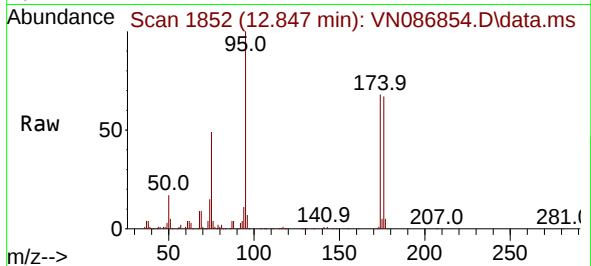




#62
4-Bromofluorobenzene
Concen: 54.075 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086854.D
Acq: 03 Jun 2025 19:48

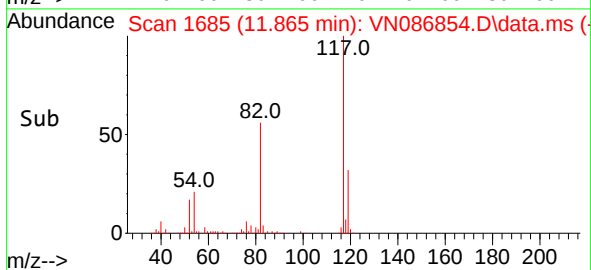
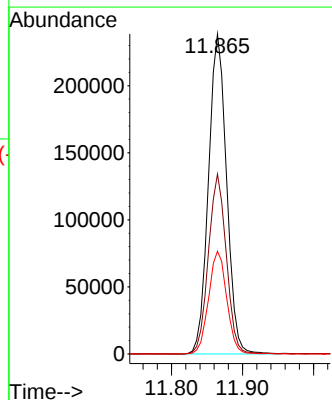
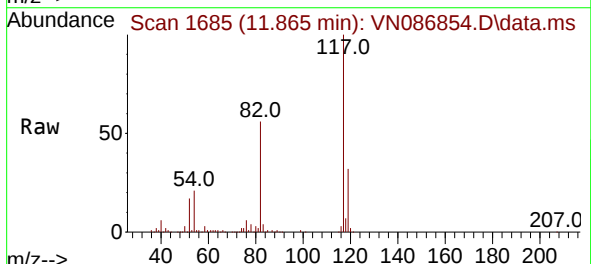
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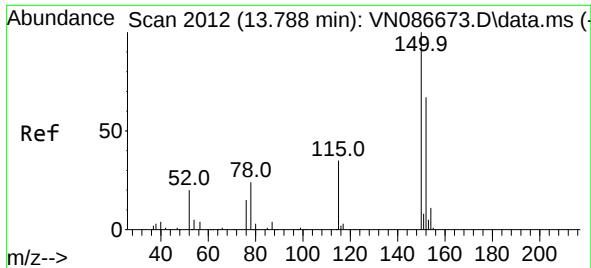
Tgt Ion: 95 Resp: 210740
Ion Ratio Lower Upper
95 100
174 69.3 0.0 145.4
176 67.4 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086854.D
Acq: 03 Jun 2025 19:48

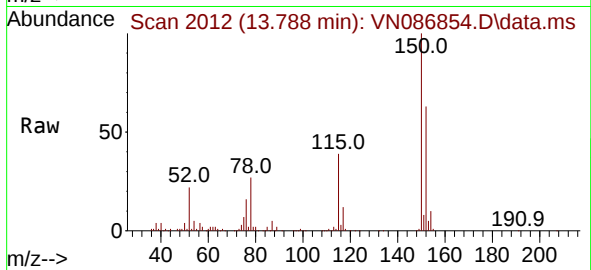
Tgt Ion: 117 Resp: 422170
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 32.1 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086854.D
 Acq: 03 Jun 2025 19:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168225ZHE#15



Tgt Ion:152 Resp: 190775
 Ion Ratio Lower Upper
 152 100
 115 61.2 30.0 90.1
 150 159.4 0.0 347.8

